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**Amendments to the Abstract of the Disclosure**

Please replace the Abstract with the following:

A method for determining an output value having a known relationship to an input value with a predicted value includes the step of first training a predictive model with at least one output for a given set of inputs that exist in a finite dataset. Data is then input to the predictive model that is within the set of given inputs. Thereafter, a prediction is made of an output from the predictive model that corresponds to the given input such that a predicted output value will be obtained which will have associated therewith the errors of the predictive model.

**AMENDMENT AND RESPONSE**  
S/N 09/874,591  
Atty. Dkt. No. PAVI-25,759